BRUHATH BENGALURU MAHANAGARA PALIKE

Yelahanka Division, Yelahanka Zone

Executive Engineeer
Yelahanka Division
B.B.M.P. Bengaluru - 64

No:EE/YNK-D/E-PMT/04/2022-23 Dated: 12-05-2022

APPROVED TENDER SCHEDULE –'B'

Item 09

Name of Work:-Asphlating of Balance roads at Mathru Layout In ward No 04 of Yelahanka Satellite town Sub Division

Sl	Description	Unit	Approved Qty	Rate quoted by the contractor approved rates Sri. RAJESWAREN SATHEESH (SATHYA CONSTRUCTIONS)	
				Rate	Rate in Words
1	Earth work excavation by manual means for drains,canals, waste weir, draft, approach channels, key trenches, foundation of bridges and such simillar works in all kinds of soils , as per drawing and technical specifications, including setting out, shoring, strutting, barricading, caution lights, removal of stumps and other deleterious matter, excavated surface leveled and sides neatly dressed disposing off the excavated stuff or sorting & stacking the selected stuff for reuse in a radius of 50 m and lift upto 1.5 m including cost of labour, tools & other appurtenaces required to complete the work. and as per the directions of the Engineer-in-charge of the work	Cum	669.31	214.63	Two Hundred Fourteen Paise SixtyThree Only
2	Providing and laying in position plain cement concrete Mix 1:3:6 (M10) for levelling course for all works in foundation. Using 40 mm nominal size graded crushed coarse aggregates and fine aggregates as per relevant IS Codes machine mixed, laid in layers not exceeding 150 mm thickness, well compacted using plate vibrators, including all lead & lifts, cost of all materials of quality, labour, Usage charges of machineries, curing, and all the other appurtenances required to complete the work as per technical specifications.and as per the directions of the	Cum	111.09	6637.23	Six Thousand Six Hundred ThirtySeven Paise TwentyThree Only
3	Providing and laying in position Reinforced cement concrete for all Sub structures of building, Irrigation works, Sub structure works of bridges, Drain works & other parallel works from 0.50m to 3.50 m height. The granite/trap/basalt crushed graded coarse aggregates and fine aggregates as per relevant IS Codes machine mixed with super plasticisers, laid in layers, well compacted using needle vibrators, providing weep holes wherever necesary, including all lead & lifts, cost of all materials of quality, confirming to the requirements of relevant IS codes, labour, Usage charges of machinery, curing and all other appurtenances required to complete the work as per technical specifications.and as per the directions of the Engineer-in-charge of the work	Cum	217.61	7579.74	Seven Thousand Five Hundred SeventyNine Paise SeventyFour Only

4	Supplying, Fitting and Placing un-coated TMT bar reinforcement in sub-structure complete as per Drawing and Technical Specifications. machinery,loading,unloading,lead and lift,transportation etc ,copmplete.and as per the directions of the Engineer-in-charge of the work	tonne	15.77	96673.74	NinetySix Thousand Six Hundred SeventyThree Paise SeventyFour Only
5	Providing and Fixing pre cast covering Slab made out of CC 1:2:4 with 10cm thick and Finishing cutting ,including form work,curing,including cost of alll materials, labour,hire charges of machinery,loading,unloading,lead and lift,transportation etc ,copmplete. machinery,loading,unloading,lead and lift,transportation etc ,copmplete.and as per the directions of the Engineer-in-charge of the work	Sqm	562.50	2451.51	Two Thousand Four Hundred FiftyOne Paise FiftyOne Only
6	Providing and Fixing pre cast covering Slab 250mm thick made out of CC 1:2:4 and jelly 20mm Down size with steel reinforcement including form work,curing,including cost of alll materials, labour,hire charges of machinery, loading, unloading, lead and lift,transportation etc	Sqm	47.76	5683.48	Five Thousand Six Hundred EightyThree Paise FourtyEight Only
7	Earth work in surface excavation by mechanical means for lowering & leveling the ground for all works other than foundation in all kinds of soils & upto depth not exceeding 300mm as per drawing and technical specifications, including setting out, shoring, strutting, barricading, caution lights, removal of stumps and other deleterious matter including dressing of excavated surfaces, disposing off or levelling the excavated earth or sorting & stacking the selected earth for reuse in a radius of 50 m and lift upto 1.5 m including cost of labour, tools, usage of machinery & other appurtenances required to complete the work. In all kinds of soils upto 300 mm depth.machinery,loading,unloading,lead and lift,transportation etc ,copmplete.and as per the directions of the Engineer-in-charge of the work	Cum	16.96	75.00	SeventyFive Only
8	Providing, laying, spreading and compacting graded stone aggregate to wet mix macadam specification including premixing the Material with water at OMC in mechanical mix plant carriage of mixed Material by tipper to site, laying in uniform layers with paver/grader in sub-base / base course on well prepared surface and compacting with vibratory roller to achieve the desired density MORTH Specification machinery,loading,unloading,lead and lift,transportation etc ,copmplete.and as per the directions of the Engineer-in-charge of the work	Cum	16.96	2762.44	Two Thousand Seven Hundred SixtyTwo Paise FourtyFour Only
9	Cleaning the existing WBM Road surface including removing of binding materials and other foreign matter with wire brushes and small picks sweeping with brooms or soft brushes and finally dusting with old gunny bags and bar or compressed air to receive bituminous treatment including cost of all materials, labhour, HOM of machineries complet as per specifications.machinery,loading,unloading,lead and lift,transportation etc ,copmplete.and as per the directions of the Engineer-in-charge of the work	Sqm	73.73	23.35	TwentyThree Paise ThirtyFive Only

	Providing and applying primer coat with SS1 grade Bitumen emulsion on prepared surface of granular base including cleaning of road surface and spraying primer at the rate of 0.90 kg per m2 using mechanical means MORTH Specification machinery,loading,unloading,lead and lift,transportation etc ,copmplete.and as per the directions of the Engineer-in-charge of the work	Sqm	275.57	50.77	Fifty Paise SeventySeven Only
11	Providing and laying Dense Graded Bituminous Macadam with 40/60 TPH capacity HMP using crushed aggregates of specified grading, premixed with bituminous binder VG-30, @ 4.5 per cent by weight of total mix and filler, transporting the hot mix to work site, laying with mechanical paver finisher to the required grade, level and alignment, rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction as per MoRTH specification machinery,loading,unloading,lead and lift,transportation etc ,copmplete.and as per the directions of the Engineer-in-charge of the work	Cum	13.78	11410.92	Eleven Thousand Four Hundred Ten Paise NinetyTwo Only
12	Cleaning the existing black topped surface with brooms,soft brushes and finally dusting with old gunny bags and/or compressed air to receive bituminous treatment including cost of all materials,labhour, HOM of machineries complete as per specifications.machinery,loading,unloading,lead and lift,transportation etc ,copmplete.and as per the directions of	Sqm	807.36	5.56	Five Paise FiftySix Only
13	Providing and applying tack coat with RS1 Bituminous Emulsion using emulsion pressure distributor at the rate of 0.25 kg/m2 on the prepared bituminous surface cleaned with mechanical broom MORTH Specification machinery,loading,unloading,lead and lift,transportation etc ,copmplete.and as per the directions of the Engineer-in-charge of the work	Sqm	807.36	17.31	Seventeen Paise ThirtyOne Only
14	Providing and laying Bituminous Concrete with 40/60 TPH capacity hot mix plant using crushed aggregates of specified grading, premixed with bituminous binder VG-30, @ 5.4 percent of mix and filler, transporting the hot mix to work site, laying with mechanical paver finisher to the required grade,level and alignment, rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction as per MORTH specification machinery,loading,unloading,lead and lift,transportation etc ,copmplete.and as per the directions of the Engineer-in-charge of the work	Cum	32.29	13305.62	Thirteen Thousand Three Hundred Five Paise SixtyTwo Only
15	Road Marking with Hot Applied Thermoplastic Compound with Reflectorising Glass Beads on Bituminous Surface Providing and laying of hot applied thermoplastic compound 2.5 mm thick including reflectorising glass beads @ 250 g/ m2 area, thickness of 2.5 mm is exclusive of surface applied glass beads as per IRC:35:2015.The finished surface to be level, uniform and free from streaks and holes. MORTH Specification machinery,l oading,unloading,lead and lift,transportation etc ,copmplete.and as per the directions of the Engineer-in-charge of the work	Sqm	28.64	551.56	Five Hundred FiftyOne Paise FiftySix Only

	Loading and Unloading of Stone Boulder/Stone aggregates/ Sand/Kankar/Moorum. (Tipper 14 m3) machinery,loading,unloading,lead and lift,transportation etc ,copmplete.and as per the directions of the Engineer-in-charge of the work	Cum	686.27	85.39	EightyFive Paise ThirtyNine Only
17	Cost of Haulage Excluding Loading and Unloading Taking output 18 t load and lead 10 km = 180 t.km machinery,loading,unloading,lead and lift,transportation etc ,copmplete.and as per the directions of the Engineer-in-charge of the work	t.Km	878.42	121.16	One Hundred TwentyOne Paise Sixteen Only

Signature of the
Contractor

Executive Engineer,
Yelahanka Division,